

Plumbing Advisory Board Worksession Minutes for April 20, 2010

Board Members Present: Russell (Rusty) Strine, Plumber Representative, Chairman
David Gatrell, Health Department Representative
Michael (Mick) Late, Plumber Representative
Gary Armbruster, Citizen Representative

Absent: David Haller, Citizen Representative

Others Present: Larry Willard, Chief Plumbing Inspector
Shannon Walters, Secretary

Subject: Worksession for Hearing

The Frederick County Plumbing Advisory Board meeting called to order at 2:25 p.m. by Board Chairman, Rusty Strine.

Hearing

Brian Soyka of Sheetz was present before the board. Sheetz store #161 is located at 5601 Buckeystown Pike, Frederick MD. An employee restroom was recently constructed and the permits associated with the work are completed (#71098). It was discovered that all store plumbing except for the existing public restrooms were discharging through the grease interceptor. After Sheetz personnel looked at different options of how to route the employee restroom plumbing to the correct location, they determined that installing a grinder pump and pumping overhead to connect to the public restroom plumbing would be the only feasible option. The board members looked over plans provided by the applicant and discussion continued between board members, applicant and Larry Willard. Mick Late motioned to accept the request to allow the installation of a grinder pump for the employee restroom at this Sheetz store location only. Any other proposed uses similar to this one must be presented to this board on a case by case basis. Plumbing and electrical permits as well as appropriate inspections are required. Gary Armbruster seconded the motion. The vote was 4-0 to approve the motion.

Adjournment

Rusty Strine motioned to adjourn the meeting at 2:50 p.m. Gary Armbruster seconded the motion. The vote was 4-0 to adjourn.

Respectfully Submitted,

Shannon Walters

Shannon Walters, Secretary to Fred. Cnty. Plumbing Advisory Bd.

Attachment



COMMISSIONERS

Jan H. Gardner
President

David P. Gray
Vice President

Kai J. Hagen

John L. Thompson, Jr.

Blaine R. Young

COUNTY MANAGER

Ronald A. Hart

PERMITTING AND DEVELOPMENT REVIEW DIVISION

Gary W. Hessong
Division Director

DEPARTMENT OF PERMITS AND INSPECTIONS

Vacant
Director

PERMITTING AND DEVELOPMENT REVIEW DIVISION FREDERICK COUNTY, MARYLAND

Department of Permits and Inspections

30 North Market Street • Frederick, Maryland 21701
301-600-2313 • FAX: 301-600-2309 • TTY: Use Maryland Relay Service
www.FrederickCountyMD.gov

April 15, 2010

Brian K. Soyka, P.E.
Sheetz

351 Sheetz Way
Claysburg, PA 16625

Regard: Frederick County Plumbing Advisory Board Meeting

Dear Mr. Soyka:

Upon receipt of your request to schedule an appeal before the Frederick County Plumbing Advisory Board a meeting date has been set. The fee associated with Plumbing Advisory Board consideration has been paid.

A meeting of the Frederick County Plumbing Advisory Board is scheduled to be held on Tuesday, April 20, 2010 at 2:00 p.m. The meeting will be held at the Department of Permits & Inspections office located at 30 N. Market Street, Frederick, MD 21701.

We must advise you that the Plumbing Board cannot grant waivers to the Plumbing Ordinance, but will consider your request for latitude in the interpretation of the Plumbing Ordinance.

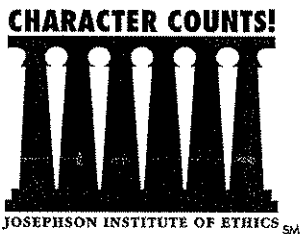
If you should have any questions, please feel free to contact this office at (301) 600-1095.

Sincerely,

Shannon C. Walters

Shannon C. Walters
Secretary to the Plumbing Board

CC: Plumbing Advisory Board Members



TRUSTWORTHINESS • RESPECT
RESPONSIBILITY • FAIRNESS
CARING • CITIZENSHIP

CHARACTER COUNTS! and the Six
Pillars of Character are service
marks of the CHARACTER
COUNTS! Coalition, a project of the
Josephson Institute of Ethics.
www.charactercounts.org



PERMITTING AND DEVELOPMENT REVIEW DIVISION
FREDERICK COUNTY, MARYLAND

Department of Permits and Inspections

30 North Market Street • Frederick, Maryland 21701

Phone (301) 600-2313 • Fax (301) 600-2309

REQUEST FOR A PLUMBING ADVISORY BOARD HEARING

Date 4/13/10

Building Permit # 71098 (ALREADY CLOSED OUT)

Contact Information:

Name BRIAN SOYKA For SHEETZ, INC.

Association to Project ENGINEERING / PERMIT MGR - SHEETZ INC.

Address 351 SHEETZ WAY, CLAYSBURG, PA 16625

Phone (814) 935-3098 cell (814) 239-6006 office

E-Mail bsoyka@sheetz.com

Reason for Hearing: (Attach pertinent information for Board review to this request.)

REQUEST TO INSTALL GREASER PUMP FOR EMPLOYEE RESTROOM
EFFLUENT. IT WAS FOUND THAT ALL STORE PLUMBING, EXCEPT FOR
THE EXISTING PUBLIC RESTROOMS DISCHARGE THROUGH THE GREASE
TRAP PUMPING OVERHEAD TO CONNECT TO THE PUBLIC RESTROOM
PLUMBING IS THE ONLY FEASIBLE OPTION. (SEE ATTACHED
FOR CONTINUATION)

(A \$220.00 Administrative Fee for all requests made for Plumbing Advisory Board Consideration must be paid with this request. Please make check payable to "Frederick County".)

ROUTING THE EMPLOYEE RESTROOM LATERAL OUT THE BACK WALL OF THE STORE WAS CONSIDERED, BUT WAS LATER RULED OUT DUE TO THE INTERFERENCE WITH THE EXISTING ELECTRICAL TRANSFORMER AND CONDUIT FEED, AND THE GAS PUMP/TANKFIELD CONDUITS ENTERING THE STORE.

ROUTING THE EMPLOYEE RESTROOM LATERAL UNDER THE FLOOR THROUGH THE STORE IS IMPRACTICAL TO THE OPERATION OF OUR 24/7/365 CONVENIENCE STORE BUSINESS. IN ADDITION, THE LENGTH OF RUN OF PIPE AND THE MULTIPLE CROSSINGS UNDER THE FLOOR SLAB DEEMED THIS OPTION NOT FEASIBLE.

IT IS FOR THESE REASONS THAT WE REQUEST THAT WE BE PERMITTED TO INSTALL THE GRINDER PUMP AS PROPOSED FOR THE EMPLOYEE RESTROOM CONSTRUCTED UNDER PERMIT # 71098.

04/13/2010 15:24 Trn 43295
Cashier LSEQUEIROS

PLUMBING ADMIN APPROVAL

2 @ \$110.00 \$220.00
SHEETZ

Subtotal \$220.00
Total \$220.00

Received CHECK \$220.00
Check # 9870
Change \$0.00

Thank you
Frederick County, Maryland

Walters, Shannon

From: Walters, Shannon
Sent: Thursday, April 15, 2010 9:59 AM
To: 'bsoyka@sheetz.com'
Cc: Russell Strine (rstrine@rwwinc.com)
Subject: Plumbing Advisory Board

Mr. Soyka:

Attached is a letter to inform you of the next Plumbing Advisory Board meeting.



71098 PLUMB.BD
REQUEST-letter ...

Shannon Walters

Senior Permit Specialist

Department of Permits & Inspections

Division of Permitting & Development Review

30 North Market Street, Frederick, MD 21701

(O) 301-600-1095 (Fax) 301-600-2309

swalters@FrederickCountyMD.gov

Walters, Shannon

From: Rusty Strine [RStrine@rwwinc.com]
Sent: Wednesday, April 14, 2010 2:24 PM
To: Gatrell, David; Dave Haller; Gary Armbruster; Willard, Larry; Mick Late; Rusty Strine; Walters, Shannon
Subject: Hearing Request
Attachments: 71098 PLUMB BD REQUEST.pdf

Board Members,

Shannon received a request yesterday for a Board Hearing. I have attached a copy of the request for your review. It relates to section 712.1 of the IPC. After next week, Larry is on vacation for a few weeks therefore, (I know it's late notice) can everyone make a meeting next Tuesday at 2:00 at 30 North Market? Get back to me and let me know, we should probably get together 15 minutes prior if the person requesting the hearing is going to be present so we can discuss our thoughts. Should not take long, it's a pretty easy one.

Thanks Rusty

Rusty Strine
General Manager
Warner Industrial
301-662-5387
Frederick MD
Fayetteville, NC
www.warnerindustrial.com

Liberty Pumps®

Pro380-Series



2
YEAR
WARRANTY

US Patent #s
7,520,736 &
7,563,082

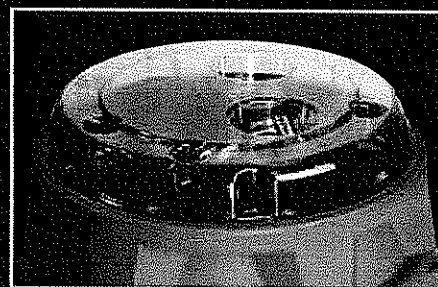
with
**QuickTree®
Technology**

**Larger Capacity
Shallow System
Design**

Features:

- Separate access cover
- QuickTree® float system allows easy removal of floats without pulling the pump
- Shallow 24" basin for easier burial in difficult soil conditions
- Large 41 gallon capacity
 - Anti-flotation collar
 - Molded torque-stops
- Integrally molded handles
- Unique integrated cord seal technology
- Integral rubber cover seals

*Shipped with
Clear Construction Cover*



Clear disposable cover protects the system during masonry work and rough-in.

innovate. evolve.

Pro380

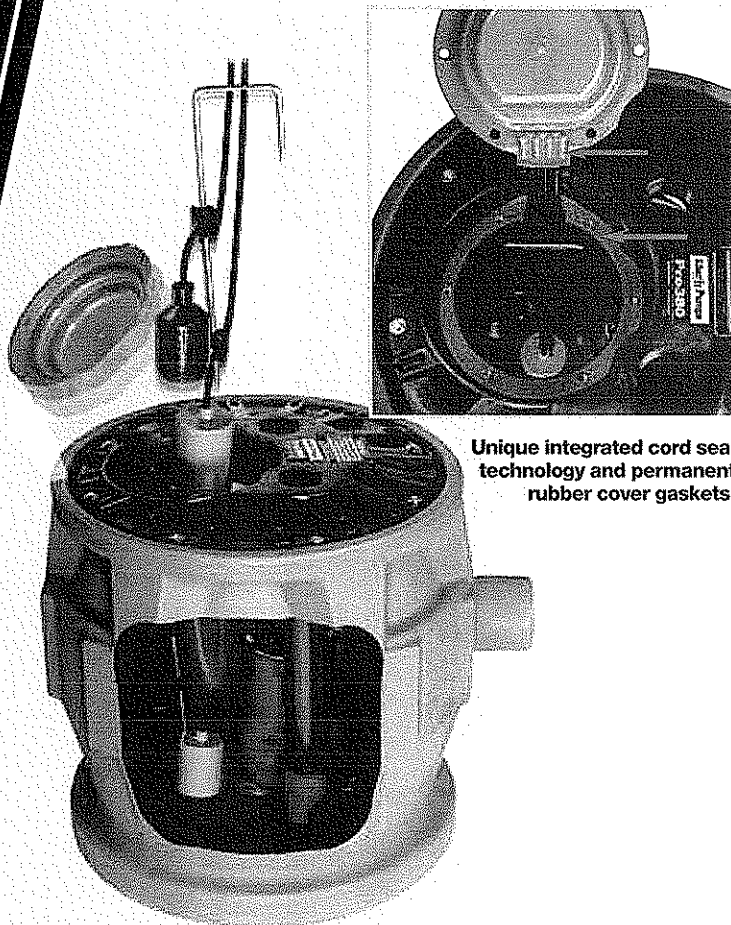
QuickTree® Technology

Features:

- QuickTree® technology allows easy access and removal of switches without disturbing pump or plumbing.
- Integrated rubber seals permanently attached to cover.
- Unique cord seal technology integrated into the inspection cover.
- Shallow basin design (24") for easier installation in difficult soil/bedrock locations.
- Large 41 gallon capacity for longer pump cycles.
- Integrally molded torque stops secure the pump in its proper position.
- Integrally molded anti-flotation collar.
- Durable polyethylene construction.
- Completely assembled.

QuickTree® Technology

Integral Rubber Seals



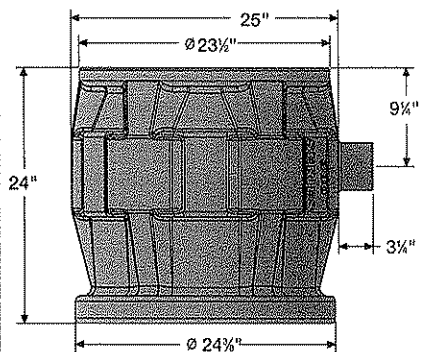
Unique integrated cord seal technology and permanent rubber cover gaskets.

Specifications: 2" Discharge Systems

MODEL	HP	VOLTS	PHASE	DISCHARGE	WGT. LBS.
P382LE41	4/10	115	1	2"	60
P382LE51	1/2	115	1	2"	64
P382LE52	1/2	208-230	1	2"	63
P382LE71	3/4	115	1	2"	83
P382LE72	3/4	208-230	1	2"	83
P382LE102*	1	208-230	1	2"	86
P382LEH102*	1	208-230	1	2"	86

For 3" discharge systems change model number from "382" to "383."
EXAMPLE: P383LE41

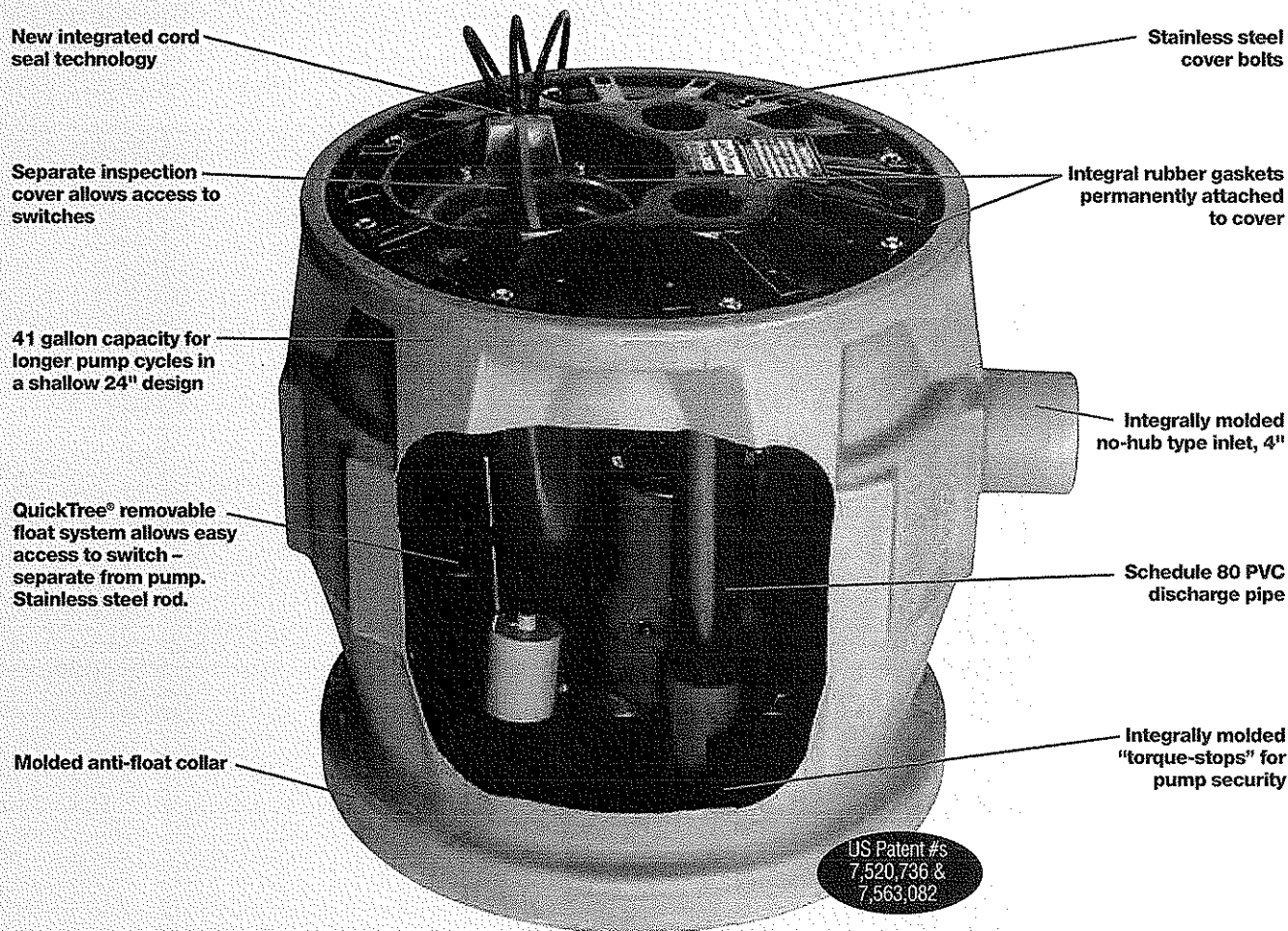
See specific LE-Series literature for complete pump performance and specifications.
* High head applications only. Consult factory for proper pump sizing.



Certified Pump

inno

Pro380-Series 24" x 24" - 41 Gallons



QuickTree® Kit

**Installed your Pro380 empty?
Simply order a QuickTree®
Kit and manual LE-
Series pump.**



QuickTree® Kit
comes complete with
stainless steel rod, pump
float and clamps pre-mounted.

Need to install a Liberty pump in an empty Pro380 basin? ...No-Problem! QuickTree® Kits make addition of a pump easy! Simply install a manual LE-Series pump and a matching QuickTree® Kit. Kits include stainless steel float tree, pre-mounted pump float and additional clamp for an alarm float. Simply hang the QuickTree® from its holder underneath the access cover and you're ready to go.

MODEL	DESCRIPTION
QT380-115-10	QuickTree for PRO380, 115V, 10' cord
QT380-115-25	QuickTree for PRO380, 115V, 25' cord
QT380-230-10	QuickTree for PRO380, 230V, 10' cord
QT380-230-25	QuickTree for PRO380, 230V, 25' cord

water. evolve.

Riser allows burial of the Pro380 System up to a maximum depth of 18" below grade.

A convenient chamber for all your pump's electrical and piping connections – out of sight and below grade. Riser simply slides over the sealed 380 system. Cover is retained by 4 stainless steel bolts and features a twist-lock design with provision for padlock to deter unwanted entry.

Specifications:

Weight: 28 lbs.- (Riser and Cover)

Riser Height: 18-3/4"

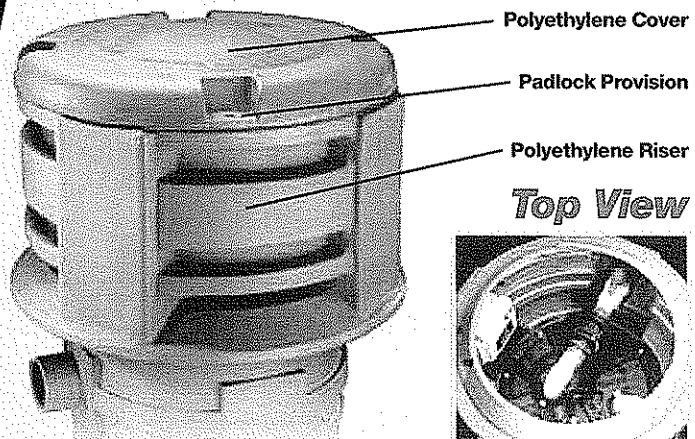
Total Height with Cover: 20-1/2"

Diameter: 32"

MODEL	DESCRIPTION
AR18	Access Riser
AC18	Access Riser Cover (Environmental Green)
ARC18	Kit, Access Riser with Cover
ARCKIT115	Kit, Access Riser with Cover and 2" installation accessories - 115V
ARCKIT230	Kit, Access Riser with Cover and 2" installation accessories - 230V
IKIT2-115	Installation Kit 2", 115V
IKIT2-230	Installation Kit 2", 230V

Optional Access Riser

Fits Pro370 and Pro380-Series systems



Liberty's installation kits provide all the components for a professional installation inside the riser. Kit includes: JB-Series wiring box and hardware, check valve with a disconnect union feature, coupling and elbows (PVC piping not included). Kits available in 2" discharge and vent size only.

Pro380-Series Alarmed System

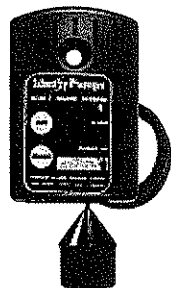
P380XL Series - IAPMO Listed

The P380XL systems are specifically designed to pass a 10' stack test and are IAPMO listed.

The P380XL-Series has all the same features as the standard P380 except for a 16 bolt cover.

To order, simply add "X" to any standard P380 system.

Example:
P382XLE41



ALM-2W
Outdoor Rated
115 volt Alarm
(not shown)

ALM-2 (pictured)
Indoor 115V Alarm
with 9 volt Battery
Back-up

Now, have the assurance of early warning in the event of a high-level condition with an alarm option installed from the factory! We do the work for you by mounting the alarm float in the basin at its proper level – no need to even open the cover! Simply mount the alarm panel in its desired location, supply power and connect the alarm float leads! Offered with three different alarm options for indoor or outdoor applications.

How to Order:

Alarm Model	Add Suffix	Ordering Example
ALM-2	/A2	P382LE41/A2
ALM-2W	/A2W	P382LE41/A2W
ALM-2-1	/A21	P382LE41/A21

Alarm float is pre-set at proper level in basin.
Alarm panel packaged with unit.

WWW.
libertypumps
com



Liberty Pumps • 7000 Apple Tree Avenue • Bergen, New York 14416
Phone 800-543-2550 Fax (585) 494-1839

Specifications are subject to change without notice. Copyright © Liberty Pumps, Inc. 2009 All rights reserved. LLIT3800-R08/09

Liberty Pumps®

LE40-Series

Sewage Pumps

**4/10 hp
2" Solids-Handling**

Features:

- Heavy cast iron construction
 - Oil filled, thermally protected motor
- Permanently lubricated ball bearings
- Corrosion resistant, vortex style impeller made of high temperature engineering polymer
- All stainless steel fasteners and rotor shaft
- Quick-disconnect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor. (25' length optional)



Models:

LE41M 115V, 12a, Manual
LE41A 115V, 12a, Automatic

Automatic models feature a mercury-free wide-angle float with series plug - allows for manual operation of pump separate from switch.

innovate. evolve.

LE40-SERIES

TECHNICAL SPECIFICATIONS

PUMP

The pump(s) shall be model _____ as manufactured by Liberty Pumps, Bergen, NY, or equal.

The pump(s) shall have a capacity of _____ at a total dynamic head of _____ feet. Motor size shall be 4/10 horsepower, single phase, 60 hz. and 115 volt operation.

MOTOR

The pump motor shall be of the submersible type, oil filled, hermetically sealed and shall be thermally protected. The overload element shall automatically reset when motor cools.

Motor windings shall be of the class B insulation rating. The rotor shaft shall be made of 416 stainless steel and shall be supported by lower and upper ball bearings.

The power cord shall be of the quick-disconnect design allowing replacement of the cord without breaking seals to the motor and/or oil chamber.

IMPELLER

The pump shall have a VORTEX style impeller capable of passing a 2" spherical solid.

SEAL

The shaft seal shall be of the carbon/ceramic unitized design, with BUNA N elastomers and stainless housings.

EXTERNAL CONSTRUCTION

The pump volute, legs and motor housing shall be gray iron castings, ASTM class 25 or better. All castings shall be powder coated before assembly. All fasteners shall be of 300-series stainless steel or brass.

LEVEL CONTROL

Automatic units shall be controlled by an adjustable, mercury-free, wide angle float switch. Float cord shall be equipped with a series plug for manual bypass operation.

MODELS	HP	VOLTS	PHASE	AMPS	DISCHARGE	AUTOMATIC	IMPELLER
LE41M	4/10	115	1	12	2" FNPT	NO	VORTEX
LE41A	4/10	115	1	12	2" FNPT	YES	VORTEX

10' cord standard on above models. For 25' cord options, add a "-2" suffix to model number.

Example: LE41A-2 for Model LE41A with 25' cord.

DIMENSIONAL DATA:

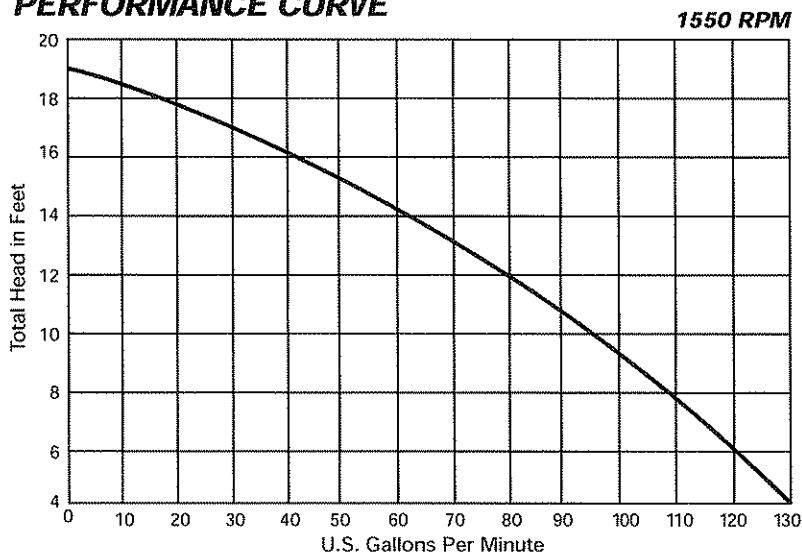
Weight: LE41M: 39 LBS.

Height: 14"

Major Width: 10.75" (manual models)

Maximum fluid temperature 140° F.

PERFORMANCE CURVE



Specifications are subject to change without notice.